EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(vcl) and (dbr or bragg or reflector or mirror) near3 (oxide or oxidi$4 or oxida$4) near3 (etch$4 or remov$4 or milling or milled or clean or cleaning or cleaned)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:40
L2	1	("6324192").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 14:42
L4	26	("4829347" | "5045499" | "5082799" | "5245622" | "5251225" | "5293392" | "5343487" | "5358880" | "5392307" | "5416044" | "5422901" | "5468343" | "5568504" | "5588995" | "5631472" | "5693180" | "5719891" | "5877038" | "5974073" | "5985683" | "5991326" | "6021147" | "6057560" | "6061380" | "6127200" | "6207973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 14:45
L5	6	"20030219921" "5468656".pn. "6628694".pn. "5557626".pn. "5359618".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 14:55
L6	40	("5359618").URPN.	USPAT	OR	ON	2006/02/22 14:59
L7	3	("4873696" | "4943970" | "5245622").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 15:04
L8	247	(vcl or vcsel) and (contact or electrode) near2 (transparent or transparency)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 15:05
L9	30	(vcl or vcsel) and (contact or electrode) near2 (transparent or transparency) near8 (window or opening or aperture)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 15:05
L10	9	(US-20040081215-$ or US-20020090016-$).did. or (US-6639927-$ or US-6714572-$ or US-6765232-$ or US-6014400-$ or US-6021147-$ or US-5317587-$ or US-5115441-$).did.	US-PGPUB; USPAT	OR	ON	2006/02/22 15:22
S1	82	(vcsel) and (current or i or j or carrier or power or bias or voltage) near3 (confin$5) near8 (oxide or oxidation or oxidized or oxidizing) and (etch$4 or remov$4) near4 (oxide or oxidized)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 09:00

S2	122	("20020154675" | "4317085" | "4466694" | "4660207" | "4675058" | "4784722" | "4885592" | "4901327" | "4943970" | "4956844" | "5031187" | "5052016" | "5056098" | "5062115" | "5068869" | "5079774" | "5115442" | "5117469" | "5140605" | "5157537" | "5158908" | "5216263" | "5216680" | "5237581" | "5245622" | "5258990" | "5262360" | "5285466" | "5293392" | "5317170" | "5317587" | "5325386" | "5331654" | "5337074" | "5337183" | "5349599" | "5351256" | "5359447" | "5359618" | "5363397" | "5373520" | "5373522" | "5386426" | "5390209" | "5396508" | "5404373" | "5412678" | "5412680" | "5416044" | "5428634" | "5438584" | "5446754" | "5465263" | "5475701" | "5493577" | "5497390" | "5513202" | "5530715" | "5555255" | "5557626" | "5561683" | "5567980" | "5568499" | "5574738" | "5581571" | "5586131" | "5590145" | "5598300" | "5606572" | "5625729" | "5642376" | "5645462" | "5646978" | "5648978" | "5696023" | "5699373" | "5712188" | "5726805" | "5727013" | "5727014" | "5774487" | "5778018" | "5784399" | "5818066" | "5828684" | "5838705" | "5838715" | "5896408" | "5901166" | "5903588" | "5903589" | "5903590" | "5908408" | "5940422" | "5953362" | "5978401" | "5978408" | "5995531" | "6002705" | "6008675" | "6014395" | "6043104" | "6055262" | "6078601" | "6144682" | "6154480" | "6185241" | "6191890" | "6208681" | "6212312" | "6238944" | "6269109" | "6297068" | "6317446" | "6320893" | "6372533" | "6411638" | "6459713" | "6545335" | "6570905" | "6700914" | "6829283"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 15:22

EAST Search History

S3	36	("20020075926" | "20020090016" | "5045499" | "5082799" | "5245622" | "5251225" | "5293392" | "5343487" | "5358880" | "5392307" | "5408486" | "5416044" | "5468343" | "5513204" | "5568504" | "5588995" | "5594751" | "5631472" | "5724374" | "5838715" | "5877038" | "5936266" | "5974073" | "6021147" | "6046065" | "6052398" | "6057560" | "6061380" | "6084898" | "6121068" | "6127200" | "6207973" | "6238944" | "6366597" | "6370179" | "6459709").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 16:28
S4	362	(vcsel or surface near emitting near laser or vertical near cavity near laser) and (oxide or oxidation or oxidized or oxidizing or side or sidewall or wall) near6 (mesa or dbr or bragg or mirror) near6 (etch$4 or remov$4 or milling or milled)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:29
S5	6	(vcsel or surface near emitting near laser or vertical near cavity near laser) and (side or sidewall or wall) near4 (dbr or bragg or reflector or mirror) near6 (oxide or oxidi$4 or oxida$4) near6 (etch$4 or remov$4 or milling or milled or clean or cleaning or cleaned)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:34
S6	41	(vcsel or surface near emitting near laser or vertical near cavity near laser) and (dbr or bragg or reflector or mirror) near3 (oxide or oxidi$4 or oxida$4) near3 (etch$4 or remov$4 or milling or milled or clean or cleaning or cleaned)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:39
S7	802	438/29.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:38
S8	489	438/29.ccls. and (laser or vcsel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:10
S9	225	438/32.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:50

S10	258	438/39.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 17:05
S11	550	438/40.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 17:16
S12	1704	372/46.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:26
S13	146	372/46.01.ccls. and (oxide or oxidized or oxidation) near3 (etch$4 or remov$4 or milled or milling)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 10:53
S14	45	372/46.01.ccls. and (oxide or oxidized or oxidation) near3 (etch$4 or remov$4 or milled or milling) and (vcsel or surface near emitting near laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:38
S15	75	372/46.013.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:38
S16	896	372/102.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:38
S17	3	372/102.ccls. and (oxide or oxidized or oxidation) near3 (etch$4 or remov$4 or milled or milling) and (vcsel or surface near emitting near laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:40
S18	52	257/E33.011.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:10
S19	4	257/E33.023.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:10

S20	179	257/E33.069.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:10

Dial g DataStar

| options | logoff | feedback | help |

databases　easy search

UNITED STATES
PATENT AND
TRADEMARK OFFIC
An Agency of the United State
Department of Commerce

sira
Search and Information
Resources Administration

Advanced Search:

Inspec - 1969 to date (INZZ)

limit

Search history:

No.	Database	Search term	Info added since	Results	
2	INZZ	vcsel AND (oxide OR oxidation OR oxidized OR oxidizing) NEAR (confinement OR confining OR aperture OR confined) AND (bragg OR dbr OR mirror OR reflector) NEAR (oxide OR oxidized) NEAR (etch OR etching OR removal OR removing OR etched OR removed)	unrestricted	0	-
3	INZZ	vcsel AND (oxide OR oxidation OR oxidized OR oxidizing) NEAR (confinement OR confining OR aperture OR confined) AND (oxide OR oxidized) NEAR (etch OR etching OR removal OR removing OR etched OR removed)	unrestricted	8	show titles
4	INZZ	vcsel AND (bragg OR dbr OR mirror OR reflector) NEAR (oxide OR oxidized OR oxidation OR oxidizing) NEAR (etch OR etching OR removal OR removing OR etched OR removed) date	unrestricted	1	show titles
5	INZZ	vcsel AND (oxide OR oxidation OR oxidized OR oxidizing) NEAR (confinement OR confining OR aperture OR confined)	unrestricted	368	show titles
6	INZZ	vcsel AND (oxide OR oxidation OR oxidized OR oxidizing) NEAR (confinement OR confining OR aperture OR confined) AND (mirror OR reflector OR bragg OR dbr OR dfb) NEAR (oxide OR oxidized OR oxidation OR oxidizing)	unrestricted	24	show titles

hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips　☐ Thesaurus mapping

| | whole document | ▽ | 𝒊

Information added since: [＿＿＿＿] or: [none　▽]
(YYYYMMDD)

search

Select special search terms from the following list(s):
➡ Publication year
➡ Inspec thesaurus - browse headings A-G

- Inspec thesaurus - browse headings H-Q
- Inspec thesaurus - browse headings R-Z
- Inspec thesaurus - enter a term
- Classification codes A: Physics, 0-1
- Classification codes A: Physics, 2-3
- Classification codes A: Physics, 4-5
- Classification codes A: Physics, 6
- Classification codes A: Physics, 7
- Classification codes A: Physics, 8
- Classification codes A: Physics, 9
- Classification codes B: Electrical & Electronics, 0-5
- Classification codes B: Electrical & Electronics, 6-9
- Classification codes C: Computer & Control
- Classification codes D: Information Technology
- Classification codes E: Mech., Manufac. & Production Engineering
- Treatment codes
- Inspec sub-file
- Language of publication
- Publication types

Top - News & FAQS - Dialog

© **2006** Dialog